

## CLAIMS:

1. An apparatus for controlling corporeal structures, especially for introducing puncture needles or operation probes, comprising a base plate (1), at least one base holder (2) applied to the base plate (1), and holding rods (3, 4) attached thereto in an articulated manner for holding and positioning a targeting device (10) for a medical instrument (8), characterized in that the target device (10) is mounted on two adjustment arms (7) which are each movable by means of an actuating drive (6) on the free ends of the holding rods (3, 4) in the X- and/or Y-plane.
2. An apparatus according to claim 1, characterized in that the adjustment arms (7) are bent towards the patient.
3. An apparatus according to claim 1 or 2, characterized in that a guide tube (9) for the medical instrument (8) is mounted on the free ends of the adjustment arms (7), especially by way of ball heads (9a).
4. An apparatus according to one of the claims 1 to 3, characterized in that the base plate (1) comprises a scaffold- or portal-like frame (1a).
5. An apparatus according to claim 4, characterized in that the base plate (1) comprises markings (1b) for repositioning the frame (1a) which can be fastened to the base plate (1) in a magnetic, pneumatic or mechanical manner.
6. An apparatus according to one of the claims 1 to 5, characterized in that the two actuating drives (6) are arranged directly above one another and are preferably arranged as flat boxes.
7. An apparatus according to one of the claims 1 to 6, characterized in that the actuating drives (6) each comprise a compound slide for the adjustment of the respective adjustment arm (7) in the X-Y plane, especially with remote-controllable threaded spindles.